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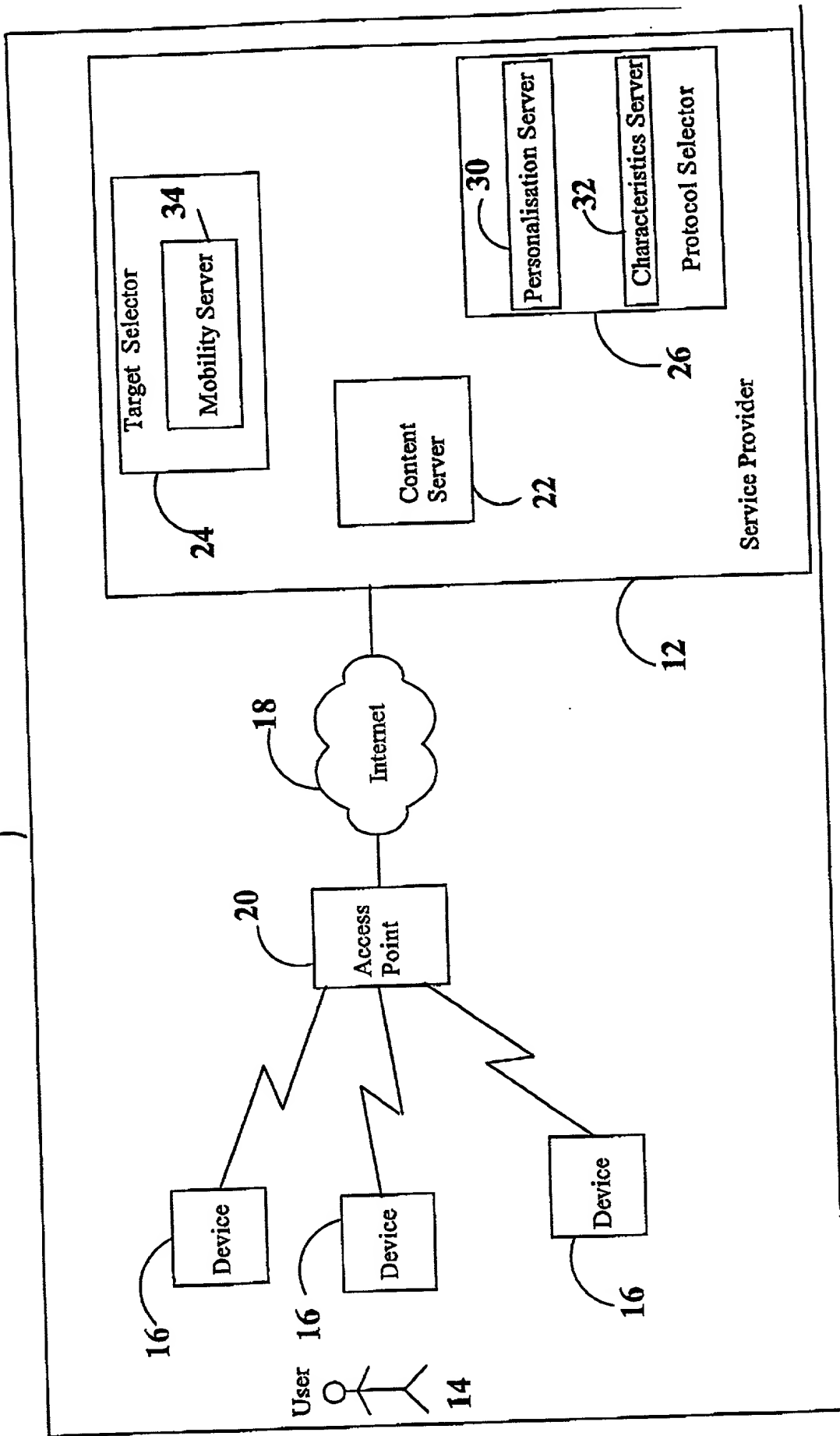


Figure 1

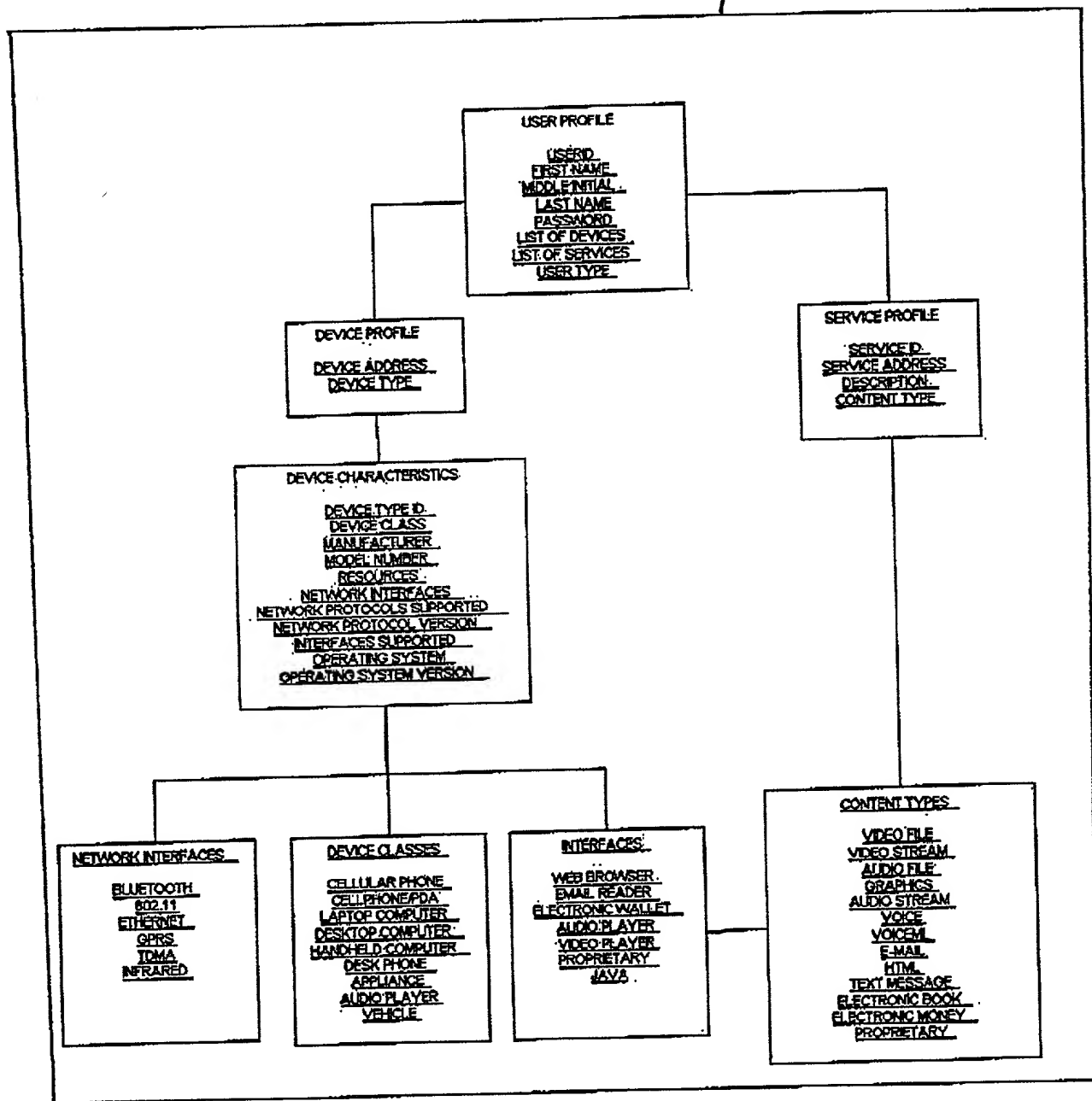
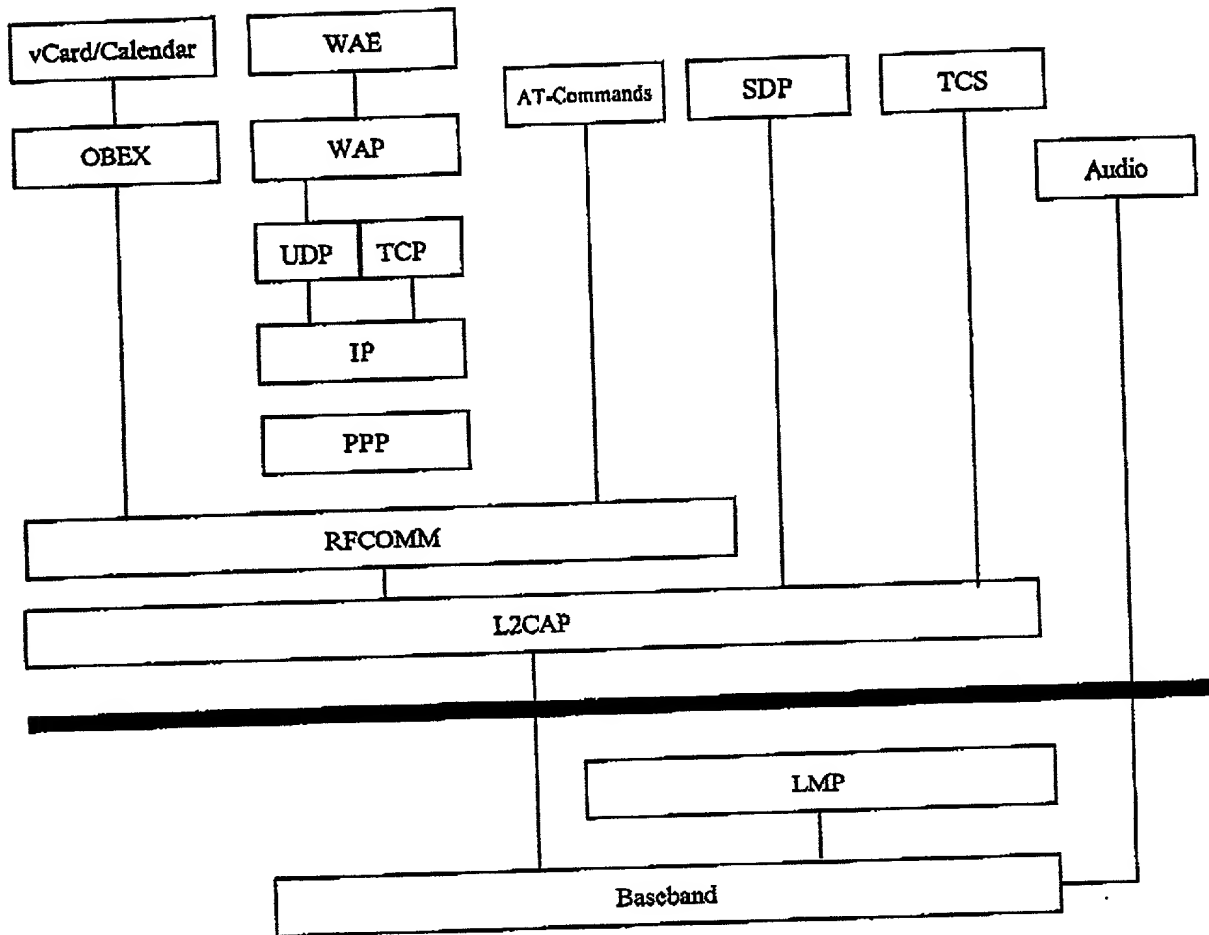


Figure 2

**Figure 3**

| | DATA TYPE | APPLICATION PROFILE | BLUETOOTH PROTOCOL | COMMENTS |
|----|--------------------|---|---|--|
| 1. | Messaging | Generic Application Profile | Basic HCI data transfer | Simple, easy to use and implement, fast |
| 2. | Short Text | Generic Application Profile | Basic HCI data transfer | Simple, easy to use and implement, fast |
| 3. | Voice | Cordless Phone or Intercom Profile | Telephony Control System (TCS) | Telephony application model, full call control capabilities, reliable, uses SCO links, best for synchronous data |
| 4. | Inquiry | Service Discovery Protocol | Service Discovery Protocol (SDP) | Dedicated protocol, full functionality, reliable |
| 5. | Serial Transfer | Serial Port Profile | RFCOMM | Serial Port emulation over BLUETOOTH, reliable |
| 6. | LAN Data | Dial-up Profile | RFCOMM | LAN emulation over BLUETOOTH, reliable |
| 7. | File Transfer | File Transfer Profile | RFCOMM or OBEX | Fast, reliable, full functionality. Also suitable for picture, fax, media files |
| 8. | Video/Media Stream | Generic Application Profile with an additional SCO link | Basic HCI data transfer – with a SCO link | Low level, synchronous, high volume transfer. Needs a SCO link streamlined with the application's connection |
| 9. | Remote Control | Generic Application Profile | Basic HCI data transfer | Low level, asynchronous, reliable, simple, easy to use and implement. |

Table 1

Figure 4

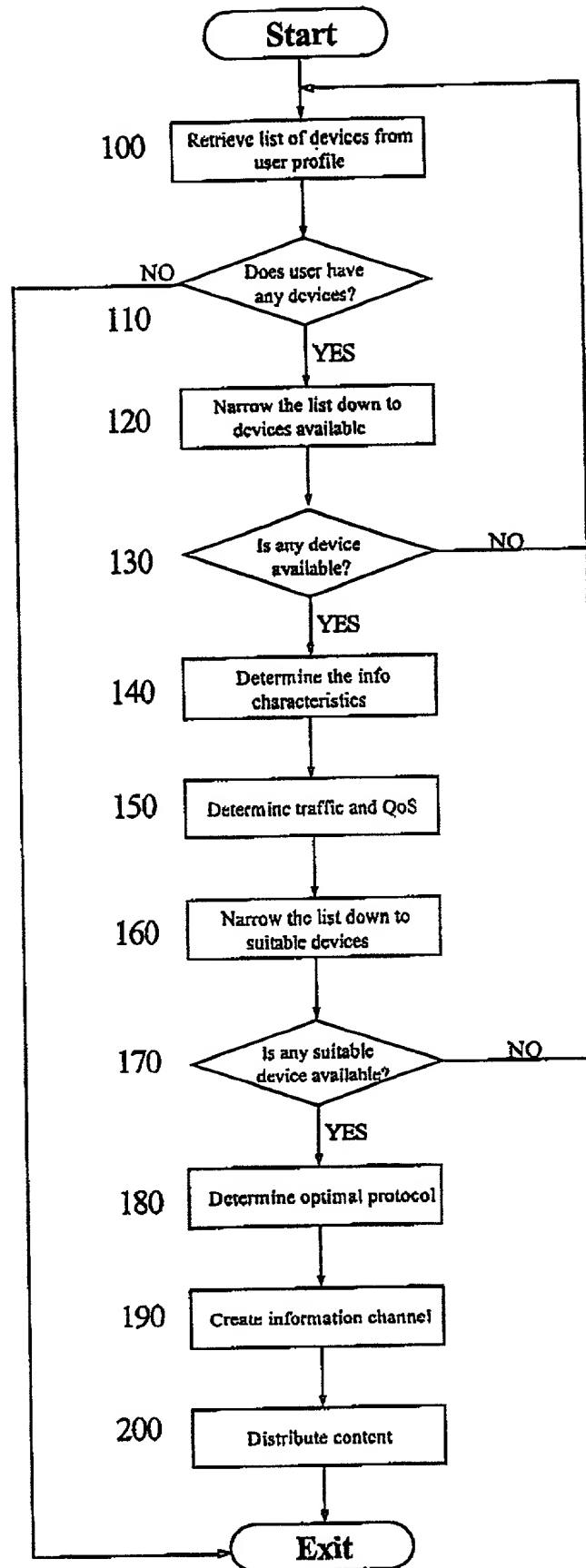


Figure 5

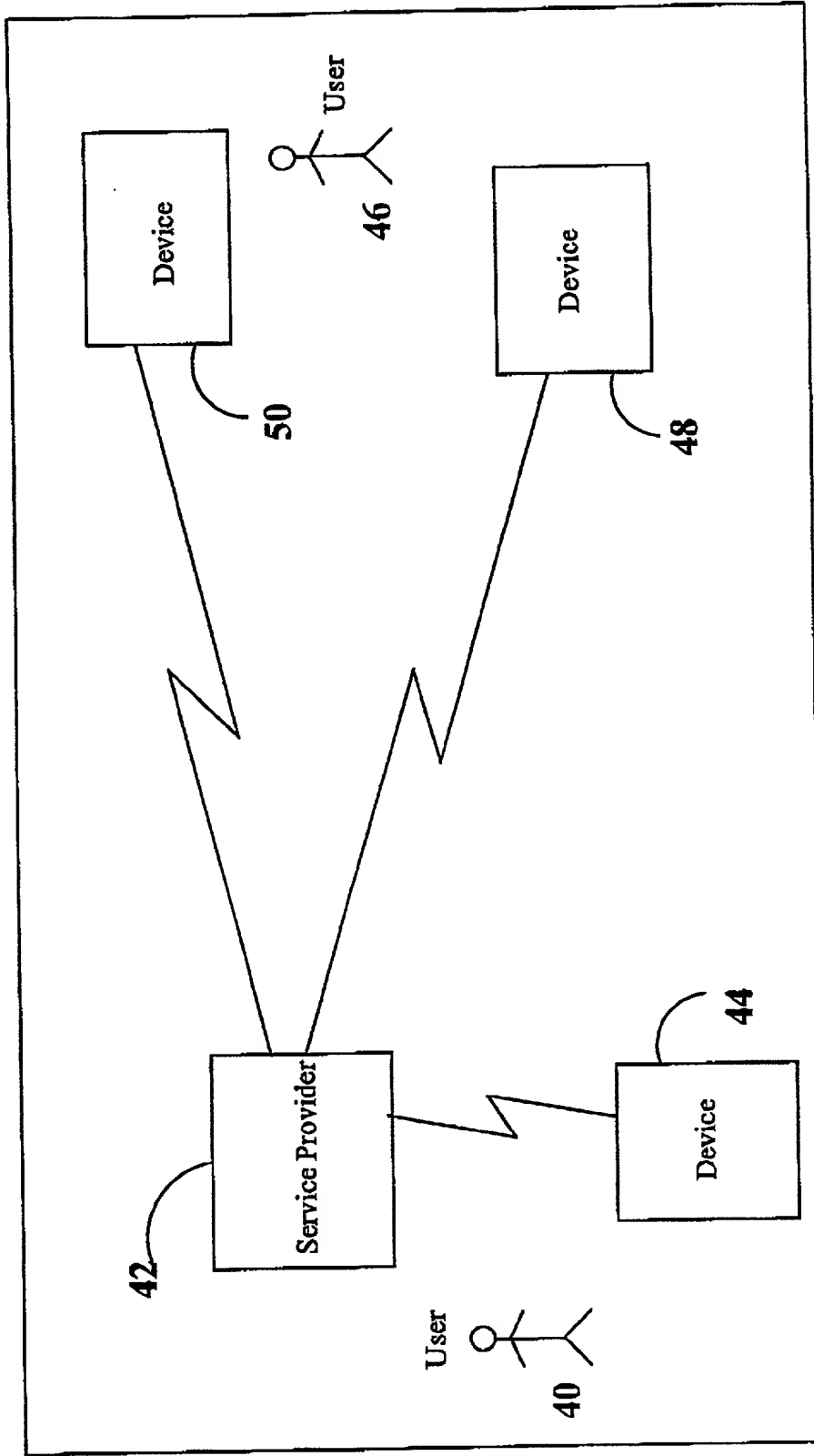


Figure 6

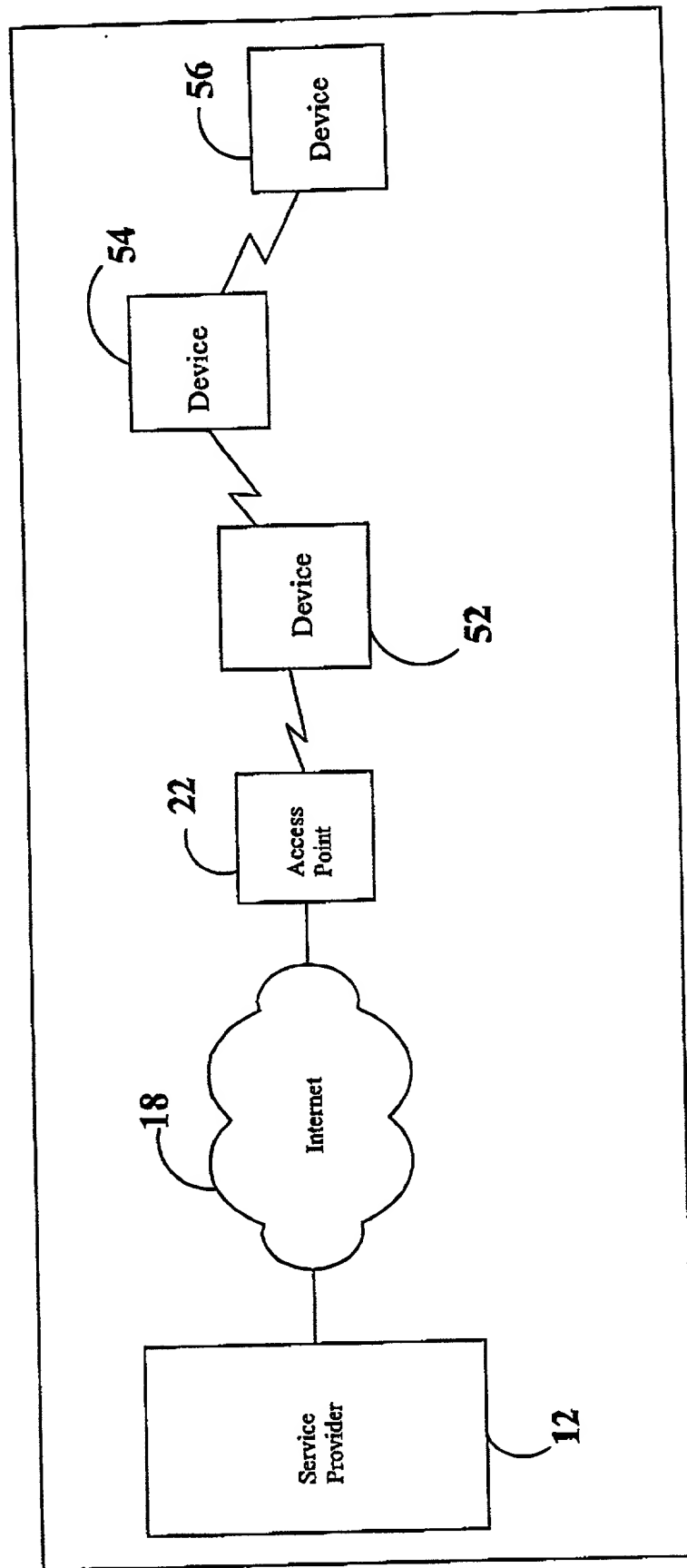


Figure 7